Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A computer-based extendable application framework embodied on one or more computer-readable storage media, comprising:

a user interface;

a plurality of services, wherein a service includes a public interface that has an implementation and provides access to functionality in an extension;

a plurality of extensions to extend an application, wherein an extension includes a set of classes defined in an object-oriented programming language, and an XML (Extensible Markup Language) description, wherein the XML description is scanned for code fragments to be passed to handlers defined for a particular ID attribute;

wherein each one of the plurality of services is associated with an extension in the plurality of extensions;

wherein one of the plurality of extensions exposes and consumes services associated with another extension in the plurality of extensions, wherein the services are consumed by the set of classes;

wherein one of the plurality of extensions provides functionality accessible in the user interface; and

wherein one of the plurality of services provides access to functionality in one of the plurality of extensions.

2. (Previously Presented) The framework of claim 1 wherein:

one of the plurality of extensions utilizes one of the plurality of services.

3. (Original) The framework of claim 1 wherein:

an extension is an interchangeable application building block.

4. (Currently Amended) The framework of claim 1 wherein:

the extension includes ~~an XML (Extensible Markup Language) description and~~ a set of resources.

5. (Cancelled)

6. (Currently Amended) The framework of claim 1 wherein:

an extension defines handlers <u>for an XML tag found in the XML description</u>.

7. (Previously Presented) The framework of claim 1 wherein:

an extension provides functionality to support at least one of: 1) a document type; 2) a user interface action; 3) a file encoding; 4) property settings; and 5) debugging information.

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8. (Currently Amended) A computer-based method for configuring an application, comprising the steps of:

provided a user interface to allow user interaction with the application;

providing a plurality of extensions to extend the application, wherein an extension includes a set of classes defined in an object-oriented programming language and <u>an XML (Extensible Markup Language) description, wherein the XML description is scanned for code fragments to be passed to handlers defined for a particular ID attribute,</u> wherein the providing permits one of the plurality of extensions to provide functionality accessible in the user interface; and

providing a plurality of services wherein the providing permits one of the plurality of services to provide access to functionality in one of the plurality of extensions;

wherein a service includes a public interface that has an implementation and provides access to functionality in an extension;

wherein each one of the plurality of services is associated with an extension in the plurality of extensions; and

wherein one of the plurality of extensions exposes and consumes services associated with another extension in the plurality of extensions, wherein the services are consumed by the set of classes.

9. (Previously Presented) The method of claim 8 wherein:

one of the plurality of extensions utilizes one of the plurality of services.

10. (Original) The method of claim 8 wherein:

an extension is an interchangeable application building block.

11. (Currently Amended) The method of claim 8 wherein:

an extension includes ~~an XML (Extensible Markup Language) description and~~ a set of resources.

12. (Cancelled)

13. (Currently Amended) The method of claim 8 wherein:

an extension defines handlers <u>for an XML tag found in the XML description</u>.

14. (Previously Presented) The method of claim 8 wherein:

an extension provides functionality to support at least one of: 1) a document type; 2) a user interface action; 3) a file encoding; 4) property settings; and 5) debugging information.

15. (Currently Amended) A computer readable storage medium having instructions stored thereon that when executed by a processor cause a system to:

provide a user interface to allow user interaction with an application;

provide a plurality of extensions to extend the application, wherein an extension includes a set of classes defined in an object-oriented programming language <u>and an XML (Extensible Markup Language) description, wherein the XML description is scanned for code fragments to be passed to handlers defined for a particular ID attribute</u> and wherein the providing permits one of the plurality of extensions to provide functionality accessible in the user interface; and

provide a plurality of services wherein the providing permits one of the plurality of services to provide access to functionality in one of the plurality of extensions;

wherein a service includes a public interface that has an implementation and provides access to functionality in an extension;

wherein each one of the plurality of services is associated with an extension in the plurality of extensions; and

wherein one of the plurality of extensions exposes and consumes services associated with another extension in the plurality of extensions, wherein the services are consumed by the set of classes.

16. (Previously Presented) The computer readable storage medium of claim 15 wherein:

one of the plurality of extensions utilizes one of the plurality of services.

17. (Previously Presented) The computer readable storage medium of claim 15 wherein:

an extension is an interchangeable application building block.

18. (Currently Amended) The computer readable storage medium of claim 15 wherein:

an extension includes ~~an XML (Extensible Markup Language) description and~~ a set of resources.

19. (Cancelled)

20. (Currently Amended) The computer readable storage medium of claim 15 wherein:

an extension defines handlers <u>for an XML tag found in the XML description</u>.

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21. (Previously Presented) The computer readable storage medium of claim 15 wherein:

an extension provides functionality to support at least one of: 1)a document type; 2) a user interface action; 3) a file encoding; 4) property settings; and 5) debugging information.

22-28. (Cancelled)

29. (New) The framework of claim 1, wherein the plurality of services includes at least one of:

a resource service to provide access to a set of resources;

a frame service to allow extensions to specify a graphical user interface (GUI) docking layout;

a file service to provide a set of services for file system access and manipulation;

a server service to provide a set of services for accessing a server;

a document service to supply an abstract document interface for files that are part of an application project; and

an action service to provide methods for adding and manipulating menu and toolbar items.

30. (New) The method of claim 8, wherein the plurality of services includes at least one of:

a resource service to provide access to a set of resources;

a frame service to allow extensions to specify a graphical user interface (GUI) docking layout;

a file service to provide a set of services for file system access and manipulation;

a server service to provide a set of services for accessing a server;

a document service to supply an abstract document interface for files that are part of an application project; and

an action service to provide methods for adding and manipulating menu and toolbar items.

31. (New) The computer readable storage medium of claim 15, wherein the plurality of services includes at least one of:

a resource service to provide access to a set of resources;

a frame service to allow extensions to specify a graphical user interface (GUI) docking layout;

a file service to provide a set of services for file system access and manipulation;

a server service to provide a set of services for accessing a server;

a document service to supply an abstract document interface for files that are part of an application project; and

an action service to provide methods for adding and manipulating menu and toolbar items.

32. (New) The framework of claim 1, wherein the code fragments are contained within an XML tag and the code fragments are passed to handlers for the particular ID attribute at runtime.

33. (New) The method of claim 8, wherein the code fragments are contained within an XML tag and the code fragments are passed to handlers for the particular ID attribute at runtime.

34. (New) The computer readable storage medium of claim 15, wherein the code fragments are contained within an XML tag and the code fragments are passed to handlers for the particular ID attribute at runtime.